

REMARKS

Claims 1-8 are pending in this application. By this Amendment, claims 1, 6 and 8 are amended. Attached hereto is a marked-up version of the changes to the claims by the current Amendment. The attachment is captioned "Version with Markings to Show Changes Made."

Applicants greatly acknowledge the courtesies extended by Examiner Homere and Le during a personal interview on May 29, 2003 with applicants' representative, Mr. Oren. The substance of the interview is incorporated in the following remarks (and should represent applicants' statement of the substance of the interview).

During the personal interview, applicants explained how the claims (after entry of the March 27 Amendment After Final Rejection), should be allowable over U.S. Patent 6,105,017 to Kleewein et al. (hereafter Kleewein). Applicants arguments paralleled the remarks set forth in the March 27 Amendment. Applicants maintain the arguments set forth in the March 27 Amendment.

In order to further prosecution, each of independent claim 1, 6 and 8 is amended to further distinguish the pending claims. That is, independent claim 1 is amended to recite a common storage device, which is shared through a network, between the client and the server other than a storage device to which the database is stored. For example, Fig. 1 of the present application shows a network 103 that connects the respective elements. See page 10, lines 24-25 and page 14, lines 22-23 of the present specification.

Applicants respectfully submit that Kleewein does not teach or suggest a common storage device, which is shared through a network, between the client and the server. Thus, Kleewein does not teach or suggest the operations involving the common storage device, namely the storing of data processed on a database to a

common storage device. Applicants attach an Appendix C, which is a modified Fig. 1 of Kleewein. As shown, the computer/server 14 includes CPU 20, DB2 22, memory 24 and bus (labeled by applicants as BUS). The memory 24 is connected to DB2 through the bus BUS. Additionally, the CPU 20 is connected by the bus BUS to the memory 24. The memory 24 is not shared between the client (such as the alleged local computer/application 18/19) and the server (such as the CPU 20) through a network. Furthermore, the memory 24 is not shared among a plurality of computers 10, 12 and 14. Kleewein's bus BUS is provided within the computer/server 14 to connect the components such as the CPU 20, the memory 24 and the DB2 22. In the present application, the storage device is shared between the client and the server through a server.

Kleewein does not teach or suggest all the claimed features. More specifically, because Kleewein does not teach or suggest the common storage device which is shared, through a network, between the client and the server, Kleewein does not suggest all the features of claim 1. Kleewein does not suggest storing data processed on a database from the database to a common storage device which is shared, through a network, between the client and the server. Kleewein also does not suggest transmitting an identifying information which identifies a storage area of the data stored on the common storage device to the program. Still further, Kleewin does not suggest to refer to the storage area of the common storage device for the data based on the identifying information, to obtain the stored data from the storage area into the program. Thus, independent claim 1 defines patentable subject matter.

Each of independent claims 6 and 8 defines patentable subject matter for at least similar reasons as claim 1. Thus, each of independent claims 1, 6 and 8

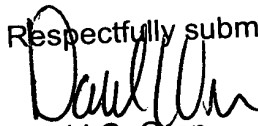
defines patentable subject matter. Claims 2-5 depend from claim 1 and claim 7 depends from claim 6 and therefore defines patentable subject matter at least for this reason. Withdrawal of the outstanding rejection is respectfully requested.

CONCLUSION

In view of the foregoing, it is respectfully submitted that the above-identified application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-8 are respectfully requested.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.37238CX1).

Respectfully submitted,



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Attachments:
Version with markings to show changes made

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please amend claims 1, 6 and 8 as follows:

1. (Five Times Amended) A database processing method used in a database system arranged in a client-server manner, comprising:

a first process of enabling a database server operating at a server to store data processed on a database from said database, in response to a request of a program operating at a client, to a common storage device which is shared, through a network, between said client and said server other than a storage device to which said database is stored, and to respond to said request by transmitting an identifying information which identifies a storage area of said data stored on said common storage device to said program; and

a second process of enabling said program to refer to said storage area of said common storage device for said data based on said identifying information, to obtain said stored data from said storage area into said program.

6. (Five Times Amended) A database processing system used in a database system having a client-server arrangement for treating a massive amount of data, comprising:

first means for enabling a database server operating in a server to output said massive amount of data processed on a database from said database through a network to a file connected thereto, in response to a request of a program operating in a client, said file being at a common storage device which is shared through said network between said client and said server other than a storage device at which

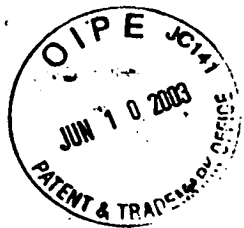
said database is stored, and to respond to said request by transmitting identifying information which identifies said file on said common storage device to said program; and

second means for enabling said program to refer to said file where said massive amount of data is outputted from said common storage device by said first means and based on said identifying information, to obtain said massive amount of data from said file into said program.

8. (Five Times Amended) A computer-readable storage medium recorded a program and data in a database system arranged in a client-server manner, said program and data comprising:

a first procedure of enabling a database server operating in said server to output a massive amount of data processed on a database from said database through a network to a file connected thereto, in response to a request of a program operating in a client, said file being at a common storage device which is shared through said network between said client and said server other than a storage device at which said database is stored, and to respond to said request by transmitting identifying information which identifies said file on said common storage device to said program; and

a second procedure of enabling said program to refer to said file to which said massive amount of data is outputted from said common storage device by said first procedure and based on said identifying information, to obtain said massive amount of data from said file into said program.



APPENDIX C

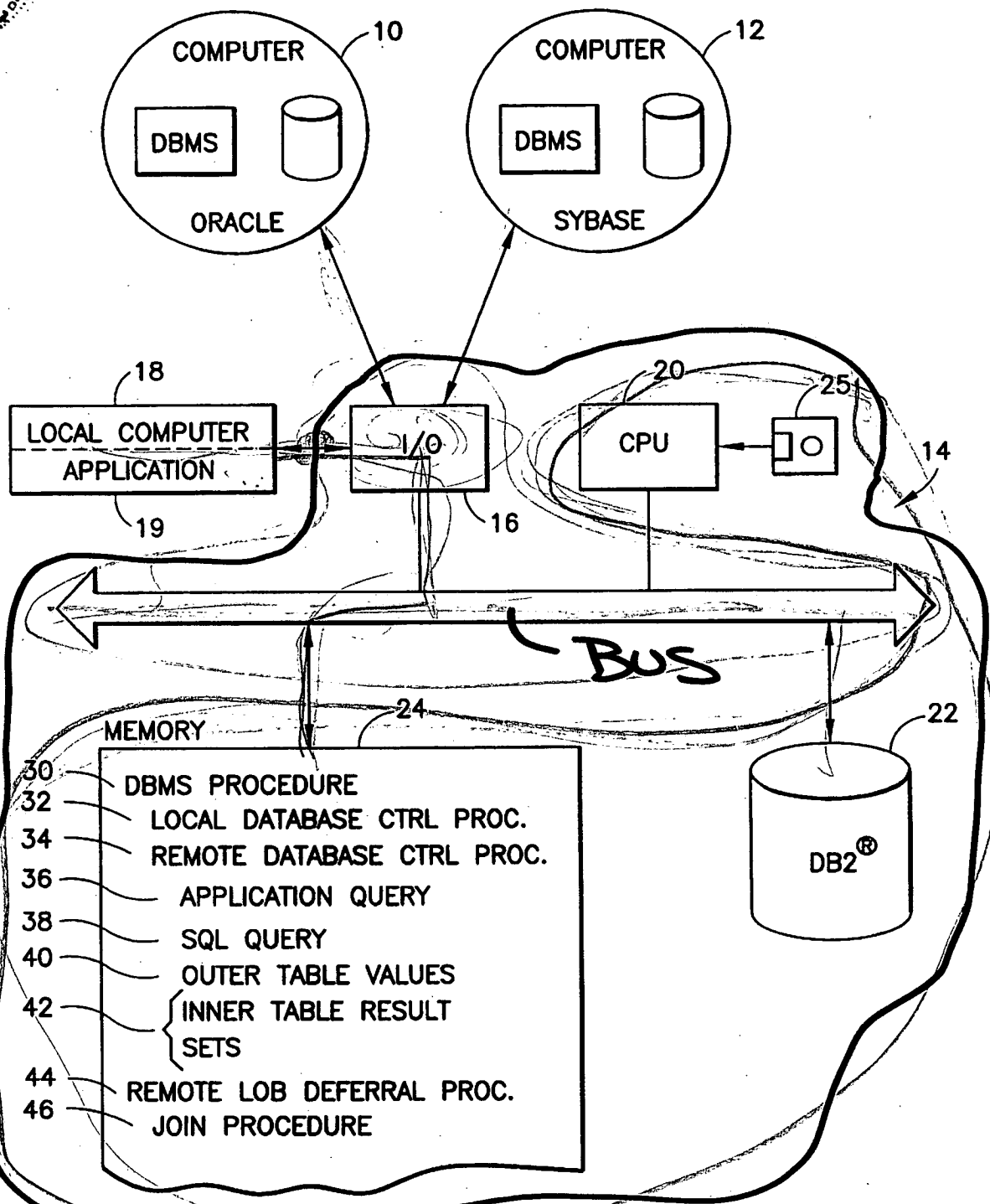


FIG.1